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(19) **United States**(12) **Patent Application Publication****Kruse et al.**(10) **Pub. No.: US 2009/0167677 A1**(43) **Pub. Date:****Jul. 2, 2009**(54) **METHOD AND APPARATUS FOR
PROVIDING COMMUNICATIONS WITH
HAPTIC CUES**(21) Appl. No.: **11/966,624**(22) Filed: **Dec. 28, 2007****Publication Classification**(75) Inventors: **Barbara Kruse**, San Francisco, CA
(US); **George V. Anastas**, San
Carlos, CA (US); **Neil Olien**,
Montreal (CA); **Ryan Steger**,
Sunnyvale, CA (US)(51) **Int. Cl.**
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Correspondence Address:

James M. Wu**JW Law Group****84 W. Santa Clara Street, Suite 820****San Jose, CA 95113 (US)**

A method and apparatus of generating haptic cues for pacing and monitoring are disclosed. After sensing an event via a component, a process for generating haptic cues generates an input in response to the event. The component, in one example, may be a sensor or a combination of a sensor and a haptic actuator. Upon receipt of the input, the process retrieves a haptic signal from a tactile library in response to the input. A haptic feedback in response to the haptic signal is subsequently generated.

(73) Assignee: **Immersion Corp.**, San Jose, CA
(US)

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